

## IMPLANTABLE NEUROMUSCULAR STIMULATOR FOR THE TREATMENT OF GASTROINTESTINAL DISORDERS

Patent number: CA2428383  
Publication date: 2002-05-16  
Inventor: FISCHHELL DAVID R (US); UPTON ADRIAN R M (CA)  
Applicant: NEUROPACE INC (US)  
Classification:  
- international: **A61N1/36**; A61N1/36; (IPC1-7): A61N1/36  
- european: A61N1/36B  
Application number: CA20012428383 20011109  
Priority number(s): US20000710194 20001109; WO2001US49706 20011109

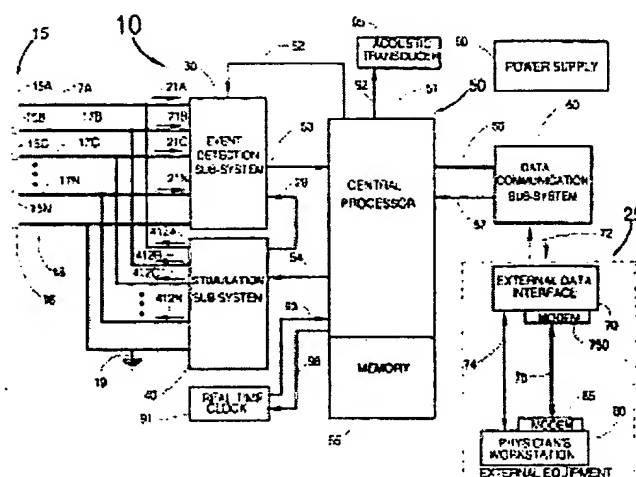
Also published as:

WO0238217 (A3)  
WO0238217 (A2)  
US6591137 (B1)

Report a data error here

### Abstract of CA2428383

A system and method for treating gastrointestinal and other disorders via electrical stimulation of plural portions of a patient's gastrointestinal tract uses an implantable control module (20), sensors attached to various structures of the gastrointestinal tract, and electrodes (15) also attached to various structures of the gastrointestinal tract. Signals received from the sensors are analyzed to identify events in the gastrointestinal system, and electrical stimulation is applied to structures of the gastrointestinal tract, in sequence, to restore normal function or achieve other clinically desirable results.



Data supplied from the esp@cenet database - Worldwide